

## DUAL-MODE SCANNER CAPABLE OF PERFORMING TRANSMISSIVE AND REFLECTIVE SCANNING WITH SINGLE SIDE LAMP

### ABSTRACT OF THE DISCLOSURE

A dual-mode scanning apparatus is capable of scanning both transmissive and reflective objects. An opaque object or a light-transmissible object is placed on the scanning platform when either of the reflective or transmissive scanning modes is performed. The carriage module is arranged under the scanning platform, and has therein an active light source for emitting light. The light emitted by the active light source is reflected by the opaque object to enter the carriage module in the reflective scanning mode. On the other hand, a light-guiding member arranged over the scanning platform guides the light emitted by the active light source to the light-transmissible object. The light penetrates through the object to enter the carriage module in the transmissive scanning mode.